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# KHALED Q. AL HAMAD

**BDS MSc MRD** RCSEd **FDS** RCSEd  
Professor & Consultant in Prosthodontics

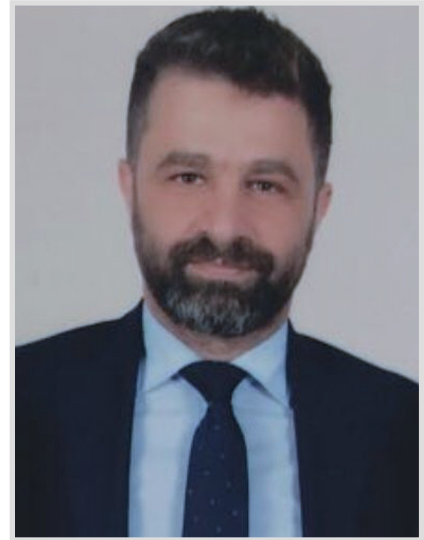
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## Profile

Professor

Department of Prosthodontics

Faculty of Dentistry

Jordan University of Science & Technology

Irbid, Jordan.

## Education

- Fellowship of Dental Surgery (**FDS**), Royal College of Surgeons of Edinburgh, UK, 2014.
  - **Jordanian Board**, Jordan Medical Council, Jordan, 2004.
  - Specialty Diploma of Membership of Restorative Dentistry (**MRD/Pros**), Royal College of Surgeons of Edinburgh, UK, 2003.
  - Master of Science (**MSc**), The University of Edinburgh, UK – 2003.
  - Bachelor in Dental Sciences (**BDS**), Jordan University of Science & Technology, 1999.
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## **Career**

- **Professor**, Faculty of Dentistry, Jordan University of Science & Technology, Irbid, Jordan, since 2019.
- **Vice Dean for Academic Affairs**, Faculty of Dentistry, Jordan University of Science & Technology, Irbid, Jordan, 2019-2022.
- **Head of Department of Prosthodontics**, Faculty of Dentistry Jordan University of Science & Technology, Irbid, Jordan, 2014-2017.
- **Associate Professor**, King Saud bin Abdalaziz for Medical Sciences, National Guard, Riyadh, Saudi Arabia, 2017-2019
- **Associate professor**, Faculty of Dentistry, Jordan University of Science & Technology, Irbid, Jordan, 2013-2017
- **Consultant**, King Fahad Hospital, Jeddah, Saudi Arabia, 2011-2013.
- **Consultant**, Maidan Clinic for Dental Services, Kuwait, 2010-2011.
- **Assistant Professor**, Department of Prosthodontics Jordan University of Science & Technology, Irbid, Jordan, 2005-2010.
- **Lecturer**, Department of Prosthodontics, Jordan University of Science & Technology, Irbid, Jordan , 2003-2005.

## **Experience**

### **Academic**

- **Course Director** (Undergraduate Level) :
    - Complete Denture Prosthodontics & Removable Partial Denture (Pre clinical),
    - Removable Prosthodontics (1<sup>st</sup> , 2<sup>nd</sup> clinical Years),
    - Fixed Dental Prosthesis (Pre clinical)
    - Fixed Dental Prosthesis (1<sup>st</sup> , 2<sup>nd</sup> clinical Years)
    - Introduction To Dental Sciences & Terminology
    - Dental Implantology,
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- **Course Director** (Graduate Level: master degree program) :
    - Review Of Current Literature In Prosthodontics
    - Advanced Prosthodontics I
    - Advanced Prosthodontics II
    - Clinical Prosthodontics (Year 1),
    - Clinical Prosthodontics (Year 2),
    - Clinical Prosthodontics (Year 3),
  - Clinical Supervisor:
    - Undergraduate, Graduate, And MFDS Trainee Programs.
  - Thesis Supervision Of Master Degree Students:
    - Main Supervisor:
      - A Study On The Clinical Performance Of The Gingival Retraction Materials EXPASYL® And MAGIC FOAM CORD® And Their Effects On The Dento-Gingival Health, 2007.
      - An in vitro study on the effect of framework design and mode of tooth preparation on the retention/resistance of posterior resin bonded fixed partial dentures, 2007
      - Colorimetric analysis of the effect of varying thickness and repeated firing of opaque porcelain fired to different types of metal alloys used in metal ceramic restorations, 2008.
      - The embedment relaxation in the retaining screws of dental implant-abutment joint in dry and wet conditions in three dental implant systems, 2014.
      - The effect of ceramic type and background color on shade reproducibility of all ceramic restorations, 2017.
      - An in-vitro investigation into the surface roughness of glazed, unglazed, and refinished
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- zirconia based restorations veneered with various techniques, 2017.
  - Evaluation of fixed restorations produced by digital, conventional, and digital/conventional approaches: a clinical trial, 2018.
  - Influence of bur deterioration on the surface roughness and fracture load of milled crowns, 2020.
  - Accuracy of Intra Oral Scanning for Edentulous Patients and Digital Complete Dentures Manufacturing with Additive and Subtractive Techniques. 2021
- Co-Supervisor:
    - Effects Of Implant Abutment Height, Surface Roughness, And Type Of Cement On The Resistance To Dislodgment Of Cement -Retained ALFA-GATE® Implant Supported Restorations. Jordan University Of Science & Technology, February, 2007.
    - Colorimetric analysis of the influence of repeated firing and dentine thickness on the color of all-ceramic restorations using two different veneering porcelain shades, 2009.

### Administration

- **Vice dean** for Academic affairs. Faculty of Dentistry, Jordan University of Science & Technology, 2019- 2022
  - **Chairperson** of the Department of Prosthodontics, Faculty of Dentistry, Jordan University of Science & Technology, 2013-2017.
  - **Laboratory Supervisor**, Dental Teaching Centre, Jordan University of Science & Technology, 2005/2006.
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### Committees

- **Head of the Higher Education Committee** for master degree programs, Faculty of Dentistry, Jordan University of Science & Technology, 2019- 2022.
- **Head of the Study Plane Committee**, Faculty of Dentistry, Jordan University of Science & Technology, 2019- 2022
- **Head of the Strategic plan Committee**, Faculty of Dentistry, Jordan University of Science & Technology, 2019- 2022
- **Member of the Faculty of Graduate Studies Council**, Faculty of Graduate studies, Jordan University of Science & Technology, 2020-2022.
- **Member of the Medical Higher Specialty Plan Committee**, Jordan University of Science & Technology, 2022.
- **Member of the higher committee for Implantology**, Jordanian Dental Council, 2014-2017.

### Memberships

- Fellow, Royal College of Surgeons Of Edinburgh.
- Alliance member, American College of Prosthodontics.
- Prosthodontist, Jordanian Dental Association.
- Jordanian Prosthodontic Society, Jordanian Dental Association.
- Jordanian Implant Group, Jordanian Dental Association.

### Creative Activities & Contributions

- Editorial Board, Journal of Prosthodontics
  - Reviewer, Journal of Prosthodontics. (Reviews: 27)
  - Reviewer, Journal of Prosthetic Dentistry. (Reviews:13)
  - Reviewer, Journal of Clinical Oral Investigation. (Reviews: 3)
  - Reviewer, Journal of Advanced Prosthodontics. (Reviews: 2)
  - Reviewer, BMC oral health. (Reviews:2)
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- Reviewer, Scientific Reports. (Reviews:2)
  - Reviewer, MDP prosthesis. (Reviews:2)
  - Reviewer, Journal of Dental education. (Reviews:1)
  - Reviewer, European Journal of Dentistry. (Reviews:1)
  - Reviewer, Jordanian Medical Journal. (Reviews:1)
  - Board Examiner, Jordanian board of prosthodontics. Jordan Medical Council 2014-2018

### [Lecture Sample \(Youtube\):](#)

Writing a paper for Dental Journals

Watch on: <https://youtu.be/Q-Lz49irfJE>

### **Research Interests**

- Ceramics and esthetics
- Digital Prosthodontics

### **Research Profile**

- Citation metrics (September, 2022):
    - Google scholar: h-Index: 11, Citation: 481 .
    - Scopus: h-Index: 8, Citation: 229.
    - Research gate: h-Index: 10, citation: 326, read: 10,962. Research Interest score: 250.6
    - Web of science: h-index: 7, citation: 142
  - ORCID ID: <https://orcid.org/0000-0002-5857-7983>
  - Scopus ID: 14521890100
  - Web of Science ID: M-2634-2019
  - Google Scholar Profile: <https://scholar.google.com/citations?user=ijtgfk8AAAAAJ&hl=en>
  - Research Gate Profile: [https://www.researchgate.net/profile/Khaled\\_Al\\_Hamad/research](https://www.researchgate.net/profile/Khaled_Al_Hamad/research)
  - Mendeley Profile: <https://www.mendeley.com/profiles/khaled-al-hamad/>
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## **Current Research Projects**

- Face scan and the virtual patient
- Digital Complete Dentures Manufactured with Additive and Subtractive Techniques.
- Accuracy of different Dental 3D Printers; SLA, DLP, and LCD.
- Smile esthetics and the mathematical tooth proportion

## **Publications list**

1. **Al Hamad KQ**, Al-Kaff FT. Trueness of intraoral scanning of edentulous arches: A comparative clinical study. **J Prosthodont** **2022**; <https://doi.org/10.1111/jopr.13597>
  2. **Al Hamad KQ**, Al-Rashdan BA, Ayyad JQ, Al Omrani LM, Sharoh AM, Al Nimri AM, Al-Kaff FT. Additive Manufacturing of Dental Ceramics: A Systematic Review and Meta-Analysis. **J Prosthodont** **2022**; <https://doi.org/10.1111/jopr.13553>
  3. **Al Hamad KQ**. Comments on "Esthetic appearances of anatomic contour zirconia crowns made by additive wet deposition and subtractive dry milling: A self-controlled clinical trial". **J Prosthet Dent** **2022**; <https://doi.org/10.1016/j.prosdent.2022.01.041>
  4. **Al Hamad KQ**. I See faces! A review on face perception and attractiveness with a prosthodontic peek at cognitive psychology. **J Prosthodont** **2021**; <https://doi.org/10.1111/jopr.13467>
  5. **Al Hamad KQ**, Almohammed SN, baba NZ. Analysis of the effect of different parameters on smile attractiveness. **J Esthet Rest Dent** **2021**; doi:10.1111/jerd.12834
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6. **Al Hamad KQ**, Al Quran FA, Jwaied FZ, Al-Dwairi ZN, Al-Rashdan BA, Baba NZ. Effect of CAD/CAM Bur Deterioration on the Surface Roughness of Ceramic Crowns. **J Prosthodont** **2021**; doi:10.1111/jopr.13404

7. **Al Hamad KQ**, Al-Rashdan RB, Al-Rashdan BA, Al Quran FA. Effect of CAD-CAM tool deterioration on the trueness of ceramic restorations. **J Prosthet Dent** **2020**; doi:10.1016/j.prosdent.2020.09.035

8. **Al Hamad KQ**, Al-Rashdan RB, Al-Rashdan BA, Baba NZ. Effect of milling protocols on trueness and precision of ceramic crowns. **J Prosthodont** **2020**; doi: 10.1111/jopr.13245

9. **Al Hamad KQ**, Al Adous AA, Al-Wahadni M. The surface roughness of monolithic and layered zirconia restorations at different stages of finishing and polishing. **J Prosthodont** **2019**; doi: 10.1111/jopr.13071

10. **AL Hamad KQ**. Learning curve of intra oral scanning by prosthodontic residents. **J Prosthet Dent** **2020**;123:277-283.

11. **Al Hamad KQ**, Al Quran FA, AlJalam SA, Baba NZ. Comparison of the Accuracy of Fit of Metal, Zirconia, and Lithium Disilicate Crowns Made from Different Manufacturing Techniques. **J Prosthodont** **2019**;4. doi:10.1111/jopr.13029 .

12. **Al Hamad KQ**, Obaidat II, Baba NZ. The Effect of Ceramic Type and Background Color on Shade Reproducibility of All-Ceramic Restorations. **J Prosthodont** **2018**;7. doi:10.1111/jopr.13005

13. **Al Hamad KQ**, Al Rashdan BA, Al Omari WM, Baba NZ. Comparison of the Fit of Lithium Disilicate Crowns made from Conventional,

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Digital, or Conventional/Digital Techniques. **J Prosthodont** **2019**;28:e580-e586.

14. **Al Hamad KQ**, Qadan MM, Al Wahadni M. Spectrophotometric analysis of the influence of metal alloy choice, opaque thickness, and repeated firing on the shade of metal ceramic restorations. **J Esthet Restor dent** **2016**;28: 56-67.

15. Abu Afifeh K, AL-Wahadni AM, Nusair Y, Hussey D, Hatamleh MM, Al-Ehaideb AA, **Al Hamad KQ**. Clinical performance of implant supported all ceramic restorations using ceramic abutments: A 1-3 year follow up study. **J Impl Adv Clin Dent** **2015**;7: 31-44.

16. Al-Dwairi ZN, **Al-Hamad KQ**, Khasawneh MI, Lynch E. Influence of dentine thickness and repeated firing on the colour of IPS e.max press. **Eur J Prosthodont Restor Dent** **2013**;21:88-94.

17. **Al Hamad KQ**, Al Rashdan BA, Abu-sitta EH. The Effects of Height and Surface Roughness of Abutments and the Type of Cement on Bond Strength of Cement Retained Implant Restorations. **Clin Oral Implants Res** **2011**;22:638-644.

18. **Al Hamad KQ**, Al-Omari FA, Al Hyiasat AS. The Taper of Cast Post Preparation Measured Using Innovative Image Processing Technique. **BMC Oral Health** **2010**;4:10-19.

19. Karasneh J, Al-Omiri K, **Al-Hamad KQ**, Al Quran F. Relationship Between Patients' Oral Health-Related Quality of Life, Satisfaction with Dentition, and Personality Profiles. **J Contemp Dent Pract** **2009**;10:49-56.

20. **Al Hamad KQ**, Azar WZ, Alwaeli HA, Said KN. A clinical study on the effects of cordless and conventional retraction techniques on the

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gingival and periodontal health. **J Clin Periodontol** **2008**;35:1053-1058.

21. Al-Wahadni A, **Al Hamad KQ**, Al-Tarawneh A. Foreign body ingestion and aspiration in dentistry: a review of the literature and reports of three cases. **Dent Update** **2006**;33:561-2, 564-566, 569-70.

22. **Al-Hamad KQ**, Al-Omari M, Al-Wahadni A, Darwazeh A. Radiographic assessment of post-retained crowns in an adult Jordanian population. **J Contemp Dent Pract** **2006**;7:29-36.

### **Training, Workshops, & Conferences**

- Training course on BPS Branded Denture System, Ivoclar Vivadent Centre for dental education. Edinburgh, UK, 7th& 8th of October, 2001.
  - Training course on IPS d.SIGN Ivoclar Vivadent Centre for dental education. Edinburgh, UK, 5th& 6th of November, 2001.
  - Audit Information Afternoon, NHS Lothian, Edinburgh Dental Institute, Edinburgh UK, 8th of February, 2002.
  - The 19th Jordanian Dental Conference, 2003.
  - Workshop on the Technology of Education: Measurement & Assessment. Jordan University of Science & technology, Irbid, 10-12, February, 2004.
  - ECRP: The 1st european congress in the reconstruction of the periodontally diseased patient. Vienna, Austria, 28th to 30th of May 2004.
  - Training course on DYNA system and DYNA implant system. Amman, Jordan, 13th& 14th of June 2004.
  - Training course on Dentsply Friadent ( Xive). Irbid, 28th of September, 2004.
  - Training Course on the ORAL TRONICS Multi-type implant system. Amman, 6th February, 2005.
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- Scientific Committee, First Jordanian International Implant Conference. Dead Sea, 31 October- 2 November, 2007.
  - Dental Training Symposium: America Meets Europe, Bad Wiessee, Munich, Germany, 22nd -24th of May, 2008.
  - Hands on training course on Nobel Active: Third generation implants, Nobel Biocare, Munich, Germany, 23rd of May, 2008.
  - Implantology Course on the Bicon Dental Implant. 17th& 18th of August, 2008.
  - Modern University Instructional Methods. 27Th& 28th of April, 2009.
  - SIROlaser Specialist, Sirona Dental Academy, Kuwait, 20 February, 2011.
  - Certificate of CardioPulmonary Resuscitation, BLS Provider, Saudi Heart Association, KSA, 7th August, 2011.
  - Active Participant in the Continuous Education lectures at King Fahad Hospital July , 2011 to July 2013.
  - Statistical analysis in scientific research. Academic development centre. Jordan University of Science & Technology. January, 2014.
  - American College of Prosthodontics meeting on Digital Dentistry , February, 2016.
  - Chicago Dental Meeting, February, 2016.
  - Hands on Training on Sirona Omnicam intra oral scanner, Amman, September, 2016
  - Saudi International Dental Conference, Riyadh, KSA, January, 2018.
  - Digital Natives in Prosthodontics, European Prosthodontic Association, Madrid, Spain, September, 2018.
  - Workshop on electronic course design using blackboard. King SaudbinAbdulaziz University for Health Sciences. Ryadth, 2018.
  - Member of the committee of the Self Study for Report of Programs (SSRP) for Accreditation of the dental program with the National Centre for Academic Accreditation and Assessment
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- (NCAAA). King SaudbinAbdulaziz University for Health Sciences. Ryadh, 2018.
- Workshop on the quality control of multiple choice questions. Saudi Dental Board. Ryadh. September, 2018.
  - Quality control officer at King SaudbinAbdulaziz University for Health Sciences. Ryadh, 2018.
  - Quality control of the design of electronic courses- “ Quality Matters”. Academic development centre. Jordan University of Science & Technology. April, 2019.
  - Preparing to teach online. Magna Publication, December, 2020.
  - Digital Dentistry Symposium- Beyond the boundaries, American College of Prosthodontics, April, 2021.
  - The Art and Beauty of Prosthodontics, Saudi Prosthodontic Society, October 2021.
  - Certified Peer Review Course. Elsevier, 2022

## References

Available upon request.

*Khaled Q. Al Hamad, 2022.*

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